

12/07/2004 07:52:40 AM:4StandardStd Drawings and Details.dwg English Details (FP-96)4d163510.dgn

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

LENGTH AND SPACING TABLE					
APPROACH SPEED * MILES PER HOUR	** MINIMUM TAPER LENGTH IN FEET	LENGTH OF BUFFER SPACE IN FEET	CHANNELIZING DEVICE SPACING		
			** TAPER AREA	BUFFER SPACE	WORK SPACE
			SPACING IN FEET		
25	Shoulder taper formula: $L = \frac{WS^2}{180}$ for speeds of 40 mph or less $L = \frac{WS}{3}$ for speeds of 45 mph or greater  Where: L= Minimum length of taper W= Width of offset in feet S= Numerical value of posted speed limit or 85 percentile speed prior to work in miles per hour	155	25	50	50
30		200	30	60	60
35		250	35	70	70
40		305	40	80	80
45		360	45	90	90
50		425	50	100	100
55		495	55	110	110

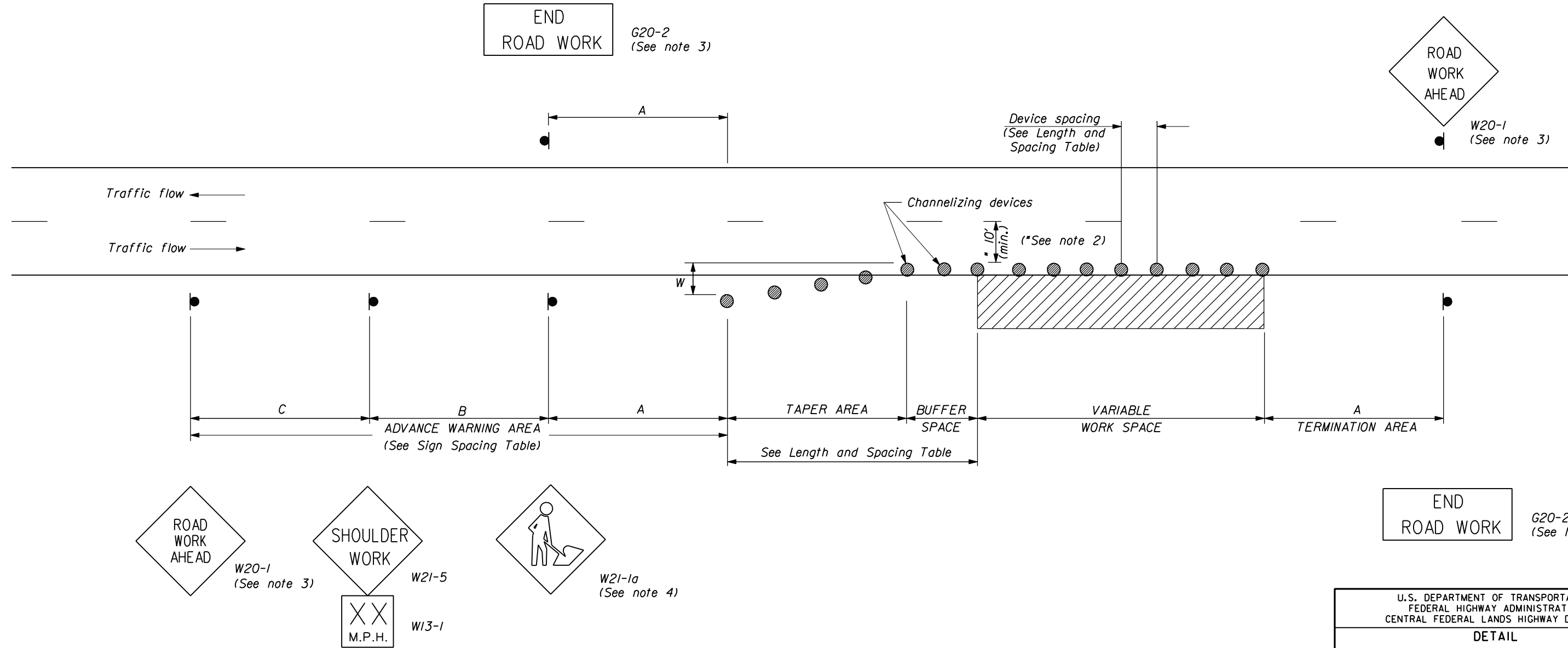
\* Speed is based on the regulatory posted speed and not the advisory speed.

\*\* Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN FEET		
	A	B	C
Urban 40 mph and less	100	100	100
Urban 45 mph and greater	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

NOTE:

- Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
- Refer to Special Contract Requirements, Section 156, for minimum width.
- If shoulder closure is completely within the project limits, eliminate the 'ROAD WORK AHEAD' sign (W20-1) and the 'END ROAD WORK' sign (G20-2).
- Remove or cover Worker Symbol sign (W21-1a) when workers are not present.
- Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
- If signs will be in place more than 72 hours consecutive hours, use ground-mounted post as shown on 635-1.



U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

DETAIL  
CONSTRUCTION TRAFFIC CONTROL  
SHOULDER CLOSURE  
LAYOUT

DETAIL APPROVED FOR USE 05/2003  
REVISED: 06/2004

DETAIL  
C635-10

NO SCALE